

SEQUENCE LISTING

<110> YAN, Chunhua et al.

<120> ISOLATED HUMAN KINASE PROTEINS, NUCLEIC
ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES
THEREOF

<130> CL000758DIV-III

<140> To Be Assigned

<141> 2004-03-17

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<151> 2000-08-24

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<151> 2001-03-19

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gattatttcc agcttgctgc tgctgctcat tttcttgagg ttttttttca tccatgcatt 21180
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<210> 4
<211> 427
<212> PRT
<213> Homo sapiens

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<400> 4
His Tyr Leu Glu Ala Arg Ser Leu Asn Glu Arg Asp Tyr Arg Asp Arg
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Arg Tyr Val Asp Glu Tyr Arg Asn Asp Tyr Cys Glu Gly Tyr Val Pro
          20          25          30
Arg His Tyr His Arg Asp Ile Glu Ser Gly Tyr Arg Ile His Cys Ser
          35          40          45
Lys Ser Ser Val Arg Ser Arg Arg Ser Ser Pro Lys Arg Lys Arg Asn
          50          55          60
Arg His Cys Ser Ser His Gln Ser Arg Ser Lys Ser His Arg Arg Lys
          65          70          75          80
Arg Ser Arg Ser Ile Glu Asp Asp Glu Glu Gly His Leu Ile Cys Gln
          85          90          95
Ser Gly Asp Val Leu Arg Ala Arg Tyr Glu Ile Val Asp Thr Leu Gly
          100          105          110
Glu Gly Ala Phe Gly Lys Val Val Glu Cys Ile Asp His Gly Met Asp
          115          120          125
Gly Met His Val Ala Val Lys Ile Val Lys Asn Val Gly Arg Tyr Arg
          130          135          140
Glu Ala Ala Arg Ser Glu Ile Gln Val Leu Glu His Leu Asn Ser Thr

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145		150		155		160									
Asp	Pro	Asn	Ser	Val	Phe	Arg	Cys	Val	Gln	Met	Leu	Glu	Trp	Phe	Asp
		165							170					175	
His	His	Gly	His	Val	Cys	Ile	Val	Phe	Glu	Leu	Leu	Gly	Leu	Ser	Thr
		180						185					190		
Tyr	Asp	Phe	Ile	Lys	Glu	Asn	Ser	Phe	Leu	Pro	Phe	Gln	Ile	Asp	His
		195					200					205			
Ile	Arg	Gln	Met	Ala	Tyr	Gln	Ile	Cys	Gln	Ser	Ile	Asn	Phe	Leu	His
		210				215					220				
His	Asn	Lys	Leu	Thr	His	Thr	Asp	Leu	Lys	Pro	Glu	Asn	Ile	Leu	Phe
225					230					235				240	
Val	Lys	Ser	Asp	Tyr	Val	Val	Lys	Tyr	Asn	Ser	Lys	Met	Lys	Arg	Asp
			245						250					255	
Glu	Arg	Thr	Leu	Lys	Asn	Thr	Asp	Ile	Lys	Val	Val	Asp	Phe	Gly	Ser
			260					265					270		
Ala	Thr	Tyr	Asp	Asp	Glu	His	His	Ser	Thr	Leu	Val	Ser	Thr	Arg	His
		275					280					285			
Tyr	Arg	Ala	Pro	Glu	Val	Ile	Leu	Ala	Leu	Gly	Trp	Ser	Gln	Pro	Cys
		290				295					300				
Asp	Val	Trp	Ser	Ile	Gly	Cys	Ile	Leu	Ile	Glu	Tyr	Tyr	Leu	Gly	Phe
305					310					315				320	
Thr	Val	Phe	Gln	Thr	His	Asp	Ser	Lys	Glu	His	Leu	Ala	Met	Met	Glu
				325					330					335	
Arg	Ile	Leu	Gly	Pro	Ile	Pro	Gln	His	Met	Ile	Gln	Lys	Thr	Arg	Lys
			340					345					350		
Arg	Lys	Tyr	Phe	His	His	Asn	Gln	Leu	Asp	Trp	Asp	Glu	His	Ser	Ser
		355				360						365			
Ala	Gly	Arg	Tyr	Val	Arg	Arg	Cys	Lys	Pro	Leu	Lys	Glu	Phe	Met	
		370				375				380					
Leu	Cys	His	Asp	Glu	Glu	His	Glu	Lys	Leu	Phe	Asp	Leu	Val	Arg	Arg
385					390					395				400	
Met	Leu	Glu	Tyr	Asp	Pro	Thr	Gln	Arg	Ile	Thr	Leu	Asp	Glu	Ala	Leu
			405						410					415	
Gln	His	Pro	Phe	Phe	Asp	Leu	Leu	Lys	Lys	Lys					
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<210> 5
 <211> 429
 <212> PRT
 <213> Homo sapiens

<400> 5
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 Pro Gly His Arg Gln Arg Asp His Glu Ser Arg Tyr Gln Asn His Ser
 35 40 45
 Ser Lys Ser Ser Gly Arg Ser Gly Arg Ser Ser Tyr Lys Ser Lys His
 50 55 60
 Arg Ile His His Ser Thr Ser His Arg Arg Ser His Gly Lys Ser His
 65 70 75 80
 Arg Arg Lys Arg Thr Arg Ser Val Glu Asp Asp Glu Glu Gly His Leu
 85 90 95
 Ile Cys Gln Ser Gly Asp Val Leu Ser Ala Arg Tyr Glu Ile Val Asp
 100 105 110
 Thr Leu Gly Glu Gly Ala Phe Gly Lys Val Val Glu Cys Ile Asp His

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